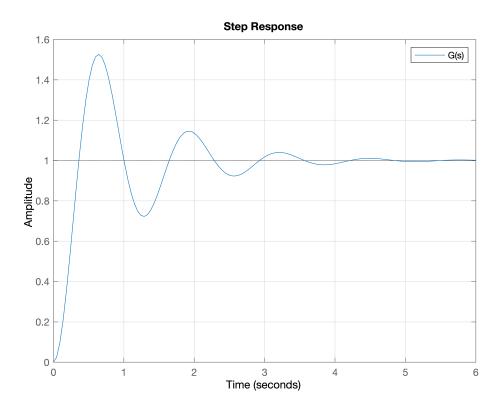
ECE 345/ME 380: Introduction to Control Systems

Collaborative Quiz #4

Location of poles and zeros of G(s)

```
num=[25]; den=[1 2 25];
```

Step response of the open-loop system



```
t = 0:.01:10;
r = t;
[y,tout] = lsim(sys,r,t);
plot(tout, r'-y);
xlabel('Time [sec]'); ylabel('Error [m]');
```

